ABSTRACT

Encoding and decoding methods and apparatuses are provided for encoding and decoding video frames. The encoding method (600) and apparatus (110) use motion compensated discrete cosine transform coding for the base layer and inband motion compensated temporal filtering in the overcomplete wavelet domain for the enhancement layer. The decoding method (700) and apparatus (118) use motion compensated discrete cosine transform decoding for the base layer and inverse motion compensated temporal filtering in the overcomplete wavelet domain for the enhancement layer.

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